

Johnston County – SR 1004

- Implementation Limits from Shotwell Road to the Wake County Line
 - Completed December 22, 2009
 - Approximately 1.80 Miles
 - Part of Spot Safety Project
 - Additional 2' Paved Shoulders
 - Did not Collect Before Data – After-August 2010 (~ 6 Months)
 - Option 3 Cross-Section



Lets explore the observational after data we were able to collect at the Johnston County installation on SR 1004 installed in December 2009. There was no before data collected at this site. The after photos were taken in August of 2010 (~6 months after safety edge being installed). The following three (3) slides depict some of the after photos that were collected at this site. This was a 2 foot shoulder widening and resurfacing project, so the cross-sectional width increased from the before to the after period.

Johnston County – SR 1004

- Observation of Site A



With the addition of the 2 foot paved shoulders, this road is not experiencing any shoulder rutting in the six month after period.

Johnston County – SR 1004

- Observation of Site B



The only safety edge exposure on this road at the six month after period was at this driveway. The driveway has heavy equipment that is parked such as dump trucks, back hoe, and bull dozer; which would cause edge exposure overtime when entering and exiting the driveway. Notice that edge is exposed in the after period and appears to be holding up to this traffic.